	Application Number	10779295	
	Filing Date	2004-02-13	
INFORMATION DISCLOSURE	First Named Inventor Jos	hua T. Goodman	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit	2134 2 155	
( Not for submission under 37 CFR 1.99)	Examiner Name Uni	known P. TRAN	
	Attorney Docket Number	MS306896.01/MSFTP560US	

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PBT I	1	6161130		2000-12-12	Horvitz et al.	
	2	6842773		2005-01-11	Ralston et al.	
/	3	.6751348		2004-06-15	Buzuloiu et al	
PET	4	6768991		2004-07-24	Hearnden	
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PBT	1	20030041126	A1	2003-02-27	Buford et al.	
PBT	2	20030016872	A1	2003-01-23	Sun	
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Application Number		10779295		
Filing Date		2004-02-13		
First Named Inventor Joshua		a T. Goodman		
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PBT	3	20040199585	A1	2004-10	0-07	Wang							
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PET	1	Federal Trade Commiss 2003, http://www.ftc.gov	Federal Trade Commission. "False Claims in Spam", A report by the FTC's division of marketing practices, April 30, 2003, http://www.ftc.gov/reports/spam/030429spamreport.pdf										
PBT	2	HANSELL. "Internet is lo 2003.	osing grou	und in bat	ttle agair	nst spam", The I	New York Times: Ted	chnolog	y section, 22	2 April 2003,			
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Per	1	European Search report dated February 23, 2007, mailed February 28, 2007 for European Patent Application Serial Number 05105308, 4 pages.									
PBI	2	Europe pages	European Search Report dated July 5, 2006, mailed July 24, 2006 for European Application No. EP 06 01 2631, 3 larges.								
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PBT	1	20040015554	A1	2004-01-22	Brian Wilson	
	2	20040177120	A1	2004-09-09	Steven T. Kirsch	
	3	20030167311	A1	2003-09-04	Steven T. Kirsch	
	4	20040003283	A1	2004-01-01	Goodman, et al.	
POT	5	20030204569	A1	2003-10-30	Andrews, et al.	
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PBT	1	20030009698	A1	2003-01	-09	Lindeman, et al.					
PBT	2	20060036701	A1	2006-02	-16	Bulfer, et al.					
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Application Number		10779295		
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First Named Inventor Joshu		nua T. Goodman		
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PBT	1	6742047		2004-05-25	Michael Man-Hak Tso	
	2	6314421		2001-11-06	Sharnoff, et al.	
	3	6421709		2002-07-16	McCormick, et al.	
	4	6321267		2001-11-20	Albert L. Donaldson	
	5	6701440		2004-03-02	Kim, et al.	
	6	6167434		2000-12-26	Stephen Y. Pang	
•	7	6732157		2004-05-04	Gordon, et al.	
PBT	8	6643686		2003-11-04	Robert J. Hall	

Application Number		10779295				
Filing Date		2004-02-13				
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PBT	1	20010046307	A1	2001-11-29	-29 Ping Wah Wong					
	2	20020073157	A1	2002-06-13	Newman, et al.					
	3	20040199594	A1	2004-10-07	Radatti, et al.					
	4	20020091738	A1	2002-07-11	Rohrabaugh, et al.					
	5	20040073617	A1	2004-04-15	Milliken, et al.					
	6	20030229672	A1	2003-12-11	Daniel Mark Kohn					
PBT	7	20050015455	A1	2005-01-20	Gary G. Liu					
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PBT	1	European Search Report dated April 6, 2006 and mailed April 6, 2006 for EP 04102242, 3 pages.							
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ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. Patent and Tradamark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid QMB control number.

Application Number

					Application Notifical	10//19,293	
INFO	ЗМД	TION DIS	SCLO	SURE	Filing Date	02-13-2004	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					First Named Inventor	Joshua Goodman	
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(Use as many sheets as necessary)			)	Examiner Name	P. TRAN		
Sheet		2	of	2	Attorney Docket Number	MS306896.01/MSFTP560US	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not obtation is in conformance with MPEP 609. Craw line through citation if not in conformance and not

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Substitute for form 1449A/PTO SUPPLEMENTAL	Application Number	10/779,295	
INFORMATION DISCLOSURE	Filing Date	02-13-2004	
STATEMENT BY APPLICANT	First Named Inventor	Joshua Goodman	
STATEMENT DE APPLICANT	Art Unit	2155	
(Use as many sheets as necessary)	Examiner Name	P. TRAN	
Sheet 1 of 1	Attorney Docket Number	M9306896.01/MSFTP560US	_/

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BT	$\vdash$	US- 6,775,704	08-10-2004	Walson, et al.		
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	EMENT BY			First Named Inventor	Joshua Goodman
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PBT	1	US- 6,074,942	Stockwell, et al.	06-06-2000	
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SUPPLEMENTAL

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U.S. Patent and Trodemark Office; U.S. DEPARTMENT OF COMMERCE

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Application Number

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STAT	EMF	NT BY	APPLI	CANT	First Named Inventor	Joshua Goodman	
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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	SUPPLEMENTAL			Application Number	10/779,295				
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	STATEMENT BY AP			First Named Inventor	Joshua T. Goodman				
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PBT		US- 2002/0184315	12-02-2002	Earnest	-				
<u> </u>		US- 10/208,150	07-29-2002	Andakor					
<del></del>		US- 09/893,941	06-28-2001	Horvitz	<u></u>				
<del>                                     </del>		U\$- 10/278,591	10-23-2002	Heckerman					
$\overline{V}$		US- 10/180,565	06-26-2002	Goodman	<del></del>				
		US- 09/497,992	02-04-2000	Maller					
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PBT		EP1376427 A2	01-02-2004	Microsoft Corporation							
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Examinar Şignature	Philip Tran	Date Considered	5	121/	2007

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Examiner

Signature

SUPPLEMENTAL

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

Complete If Known

February 13, 2004

Joshua T. Goodman

10/779,295

PTO/SB/08b (08-03)
Approved for uso through 08/30/2008. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of information unitess it contains a valid OMB control number.

Application Number

First Named Inventor

Filing Date

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		QUINLAN. "C	4.5: Progn	anus for Machine	Learning." Morgan Kaufinam, S	San Francisco, CA (1993).	
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<sup>\*</sup>EXAMPLER: Initial if reference considered, whether or not claims is in commande with MPEP 609. Lists the tracing distant of the monominate and inconstruction considered, include copy of this form with next communication to applicant.

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(Use as many sheets as necessary)

Complete if Known				
Application Number	10/779,295			
Filing Date	February 13, 2004			
First Named Inventor	Joshua T. Goodman, et al.			
Art Unit	2134 2155			
Examiner Name	Unknown P. TRAN			
Attomey Docket Number	MS306896.01/MSFTP560US			

Sheet

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Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (F known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PBT		US- 2002/199095	12-26-2002	Bandini, et al.	
ABT		<sup>US-</sup> 6,757,830	06-29-2004	Tarbotton, et al.	-
PBT		US- 6,453,327	09-17-2002	Nielsen	
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	FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages						
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	PLEMENT			Application Number	10/779,295	
INFORMATION DISCLOSURE				Filing Date	February 13, 2004	
STATEMENT BY APPLICANT		First Named Inventor	Joshua T. Goodman et al.			
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Sheet	2	of	2	Attorney Docket Number	MS306896.01/MSFTP560US	$\overline{\mathcal{I}}$

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
PBT		Partial European Search Report, EP33823TE900kap, mailed 6-21-05	
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Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO

#### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Cor	mplete if Known	•
Application Number	10/779,295	_
Filing Date	February 13, 2004	
First Named Inventor	Joshua T. Goodman, et al.	
Art Unit	2434 2155	
Examiner Name	Unknown P. TRAN	
Attorney Docket Number	MS306896.01/MSFTP560US	7

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	<b> </b> -	Number-Kind Code <sup>2 (F known)</sup>	05.00.0000	Dethural et al	
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7711.070		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Ľ
PBI		WO 02/071286	09-12-2002	MessageLabs, Ltd.		-
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Signature	Khilip Iran	Considered	> 121/2007

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	PLEMENTA	L		Application Number	10/779,295	
INFO	RMATION	DIS	CLOSURE	Filing Date	February 13, 2004	
STA	STATEMENT BY APPLICANT			First Named Inventor	Joshua T. Goodman et al.	
				Art Unit	2134 7155	
	(Use as many sheets as necessary)			Examiner Name	Unknown P. TRAN	
Sheet	2	of	2	Attorney Docket Number	MS306896.01/MSFTP560US	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
PBT		YU WU, et al., A New Anti-Spam Filter Based on Data Mining and Analysis of Email Security, Conference Proceedings of the SPIE, Data Mining and Knowledge Discovery Theory, Tools and Technology V, vol. 5098, 21 April 2003, pp. 147-154, Orlando, FL, USA	_
		MASSEY, B., et al., Learning Spam: Simple Techniques for Freely-Available Software, Proceedings of Freenix Track 2003 Usenix Annual Technical Conference, Online!, 9 June 2003, pp. 63-76, Berkley, CA, USA	_
		GRAHAM, P., The Future of Spam, Computer Security Journal, CSI Computer Security Institute, vol. 19, no. 1, January 2003, pp. 1-5	_
PBT		GRAHAM, P., A Plan for Spam, Online!, August 2002, XP002273602, http://www.paulgraham.com/spam.html, retrieved on 2004-03-12	

Examiner Signature Philip T	Tan Date Considere	d 5/21/2007

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation in not in conformance and not considered. Include copy of this form with next communication to applicant.

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/779,295				
Filing Date	February 13, 2004				
First Named Inventor	Joshua T. Goodman, et al.				
Art Unit	2134-2155				
Examiner Name	Unknown P. TRAN				
Attorney Docket Number	MS306896.01/MSFTP560US				

		D	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Examiner Initials*	Cite No.1	Document Number	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant	
mitals	140.	Number-Kind Code <sup>2 (I known)</sup>			Figures Appear	
PBT		<sup>US-</sup> 6,112,227	08-29-2000	Heiner		
PBT		<sup>US-</sup> 6,199,102	03-06-2001	Cobb		
PBT		<sup>US-</sup> 2003/204569	10-30-2003	Andrews, et al.		
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11111010		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)		Or Relevant Figures Appear	Т	
PBI		EP 1376427	03-26-2003	Microsoft Corporation	· ·	
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Examiner Signature	Philip Tran	Date Considered	5/21	2007

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Examiner	Cite No.1	NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	T <sup>2</sup>		
number(s), publisher, city and/or country where published.					
PBT		European Search Report, EP31087TE900, mailed 11-11-04			
Ì		J. BYRNE, My Spamblock, Google, January 19, 1997, 2 pages			
1		D. F. SKOLL, How to Make Sure a Human is Sending You Mail, Google, November 17, 1996, 2 pages	-		
PBT		L. M. BOWMAN, Hotmail Spam Filters Block Outgoing E-Mail, CNET NEWS.COM, January 18, 2001, 3 pages	_		
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Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known **Application Number** 10/779,295 SUPPLEMENTAL INFORMATION Filing Date 02/13/04 **DISCLOSURE STATEMENT** First Named Inventor Joshua T. Goodman **BY APPLICANT** Art Unit 2134 2155 Examiner Name Unknown P TRAN (Use as many sheets as necessary Attorney Docket Number | MS306896.01/MSFTP560US Sheet

Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PBT		<sup>US-</sup> 6,779,021	08-17-2004	Bates et al.	
1		US- 6,592,627	07-15-2003	Agrawal et al.	1
		US- 6,728,690	04-27-2004	Meek et al.	
		US- 6,424,997	07-23-2002	Buskirk Jr. et al.	
		US- 6,684,201	01-27-2004	Brill	
		US- 6,633,855	10-14-2003	Auvenshine	
		US- 6,023,723	02-08-2000	McCormick et al.	
		us- <sub>6,003,027</sub>	12-14-1999	Prager	
		US- 6,434,600	08-13-2002	Waite et al.	
		US- 5,835,087	11-10-1998	Herz et al.	
		US- 6,370,526	04-09-2002	Agrawal et al.	
		US- 6,327,617	12-04-2001	Fawcett	
		US- 6,308,273	10-23-2001	Goertzel et al.	
		US- 5,704,017	12-30-1997	Heckerman et al.	
		US- 5,905,859	05-18-1999	Holloway et al.	
,		US- 5,805,801	09-08-1998	Holloway et al.	
A		US- 2004/0139165	07-15-2004	McMillan et al.	
PBT		US- 2004/0139160	07-15-2004	Wallace et al.	-

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>©</sup>		
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# SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of

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Application Number	10/779,295				
Filing Date	02/13/04				
First Named Inventor	Joshua T. Goodman				
Art Unit	<del>3134</del> 2155				
Examiner Name	Unknown P. TRAN				
Attorney Docket Number	MS306896.01/MSFTP560US				

Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (F Intown)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PB1		US- 2004/0093371	05-13-2004	Burrows et al.	-
i	<u> </u>	US- 2004/0054887	03-18-2004	Paulsen et al.	
1	<u> </u>	US- 2003/0037074	02-20-2003	Dwork et al.	
1		US- 2002/0059425	05-16-2002	Belfiore et al.	
		US- 2002/0016956	02-07-2002	Fawcett	
		US- 5,638,487	06-10-1997	Chigier	
		<sup>US-</sup> 5,619,648	04-08-1997	Canale et al.	
1/		US- 5,377,354	12-27-1994	Scannell et al.	
V		US- 6,192,360	02-20-2001	Dumais et al.	
PBT		US- 6,266,692	07-24-2001	Greenstein	
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Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>9</sup> ( <i>If known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages Columns Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>©</sup>		
PBT		EP 413 537	02-20-1991	Scannell et al.				
PBT	************	EP 720 333	07-03-1996	Canale et al.				
PRT	1	WO 96/35994	11-14-1996	Finney et al.				
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Sheet	3	of	7	Attorney Docket Number	MS306896.01/MSFTP560US	

		NON PATENT LITERATURE DOCUMENTS	
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PBT	CYNTHIA DWORK, et al.; "Pricing Via Processing or Combatting Junk Mail"; Presented at Crypt '92; pp. 1-11.		_
		THORSTEN JOACHIMS; "Text Categorization with Support Vector Machines: Learning with Many Relevant Features"; LS-8 Report 23, November 1997, 18 pages.	
		DAPHNE KOLLER, et al.; "Hierarchically Classifying Doucments Using Very Few Words"; In ICML-97: Proceedings of the Fourteenth International Conference on Machine Learning; San Francisco, CA: Morgan Kaufmann 1997; 9 pages.	-
		ELLEN SPERTUS; "Smokey: Automatic Recognition of Hostile Messages"; Proceedings of the Conference on Innovative Applications in Artificial Intelligence (IAAI), 1997, 8 pages.	
		HINRICH SCHUTZE, et al.; "A Comparison of Classifiers and Document Representations for the Routing Problem"; Proceedings of the 18th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, Seattle, WA, July 9-13, 1995; pp. 229-237.	•
		YIMING YANG, et al.; "A Comparative Study on Feature Selection in Text Categorization"; School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, and Verity, Inc., Sunnyvale, CA; 9 pages.	-
		YIMING YANG, et al.; "A Comparative Study on Feature Selection in Text Categorization"; School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, and Verity, Inc., Sunnyvale, CA; 9 pages.	_
		DAVID D. LEWIS, et al.; "A Comparison of Two Learning Algorithms for Text Categorization"; Third Annual Symposium on Document Analysis and Information Retrieval; April 11-13, 1994; pp. 81-93.	_
		MEHRAN SAHAMI; "Learning Limited Dependence Bayesian Classifiers"; In KDD-96: Proceedings of the Second International Conference on Knowledge Discovery and Data Mining; AAAI Press, 1996; Menlo Park, CA; pp. 335-338.	_
PBT		WILLIAM W. COHEN; "Learning Rules that Classify E-Mail"; In the Proceedings of the 1996 AAAI Spring Symposium on Machine Learning in Information Access. Downloaded from William Cohen's web page: http://www.research.att.com/nwcohen/pubs.html.	L

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Sheet	4	of	7	Attorney Docket Number	MS306896.01/MSFTP560US

Examiner Initials*	Cite No.1	No. the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
街		MAKOTO IWAYAMA, et al., Hierarchical Bayesian Clustering for Automatic Text Classifiation, Natural Language, 1995, pp. 1322-1327.					
		DAVID D. LEWIS, An Evaluation of Phrasal and Clustered Representations on a Text Categorization Task, 15th Annual International SIGIR '92, Denmark 1992, pp. 37-50.	-				
		DAPHNE KOLLER, et al, Toward Optimal Feature Selection, Machine Learning Proc. of the Thirteenth International Conference, Morgan Kaufmann, 1996, 9 pages.					
	<del></del>	DAVID DOLAN LEWIS, Representation and Learning in Information Retrieval, University of Massachusetts, 1992.	_				
		TOM MITCHELL, Machine Learning, Carnegie Mellon University, Bayesian Learning, Chapter 6, pp. 180-184.					
		Y. H. Li, et al., Classification of Text Documents, The Computer Journal, Vol. 41, No. 8, 1998; pp. 537-546.	_				
		JUHA TAKKINEN, et al., CAFE: A Conceptual Model for Managing Information in Electronic Mail, Laboratory for Intelligent Information Systems, Department of Computer and Information Science, Linkoping University, Sweden, Conference on System Sciences, 1998 IEEE.					
		JACOB PALME, et al., Issues When Designing Filters In Messaging Systems, Computer Communications, 1996, pp. 95-101, Stockholm, Sweden.	-				
$\sqrt{}$		RICHARD B. SEGAL, et al., SwiftFile: An Intelligent Assistant for Organizing E-Mail, In Proceedings of the Third International Conference on Autonomous Agents, May 1999, 7 pages.					
PBT		MEHRAN SAHAMI, et al., A Bayesian Approach to Filtering Junk E-Mail, AAAI Workshop on Learning for Text Categorization, July 1998, 8 pages, Madison, Wisconsin, USA.	_				

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	PLEMENTA	۱L		Application Number	10/779,295
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STATEMENT BY APPLICANT				First Named Inventor	Joshua T. Goodman
				Art Unit	2134 2153
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Sheet	5	of	7	Attorney Docket Number	MS306896.01/MSFTP560US

		NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
PBT		DAVID MADIGAN, Statistics and The War on Spam, Rutgers University, pp. 1-13, 2003.			
		PADRAIG CUNNINGHAM, et al., A Case-Based Approach to Spam Filtering that Can Track Concept Drift, In The ICCBR'03 Workshop on Long-Lived CBR Systems, June 2003, 9 pages, Trondheim, Norway.			
MARK ROSEN, E-mail Classification in the Haystack Framework, Massachusetts Institute of Technology, February, 2003, 103 pages.					
		THORSTEN JOACHIMS, Transductive Inference for Text Classification Using Support Vector Machines, In Proceedings of the 16th International Conference on Machine Learning, 1999, pp.200-209, San Francisco, California, USA.			
		JOHN WONG, Preventing Spams and Relays, Linux Journal, December 1998, 6 pages, Vol. 1998 Issue 56es, Specialized Systems Consultants, Inc.			
		MENG WENG WONG, SPF Overview, Linux Journal, April 2004, 6 pages, Vol. 2004 Issue 120, Specialized Systems Consultants, Inc.			
		Stop, in the Name of Spam, Communications of the ACM, November 1998, pp.11-14, Vol. 41 No. 11.	-		
		ERIC ALLMAN, Spam, Spam, Spam, Spam, the FTC, and Spam, Queue, September 2003, pp. 62-69, Vol. 1 Issue 6.			
		TOM FAWCETT, "In vivo" Spam Filtering: A Challenge Problem for KDD, SIGKDD Explorations, December 2003, pp. 140-148, Vol. 5 Issue 2.	·		
PBT		J.D.M. RENNIE. ifile: An Application of Machine Learning to E-Mail Filtering, Proceedings of the KDD-2000 Workshop on Text Mining, Sixth ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, 2000. 6 pages.			

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Sheet	6	of	7	Attorney Docket Number	MS306896.01/MSFTP560US

		NON PATENT LITERATURE DOCUMENTS		
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PBT		S. ARGAMON, et al., Routing documents according to style, In First International Workshop on Innovative Information Systems, 1998, 8 pages.		
		K. MOCK, An Experimental Framework for Email-Categorization and Management, Proceedings of the 24th Annual International ACM SIGIR Conference, 2001, pp.392-393.		
		JOSE MARIA GOMEZ HIDALGO, Evaluating Cost-Sensitive Unsolicited Bulk Email Categorization, SAC 2002, 2002, pp. 615-620, Madrid, Spain.		
		A.Z. BRODER, et al. Syntactic Clustering of the Web, SRC Technical Note, Digital Corporation, July 25, 1997, 13 pages.	<u> </u>	
1	FABRIZIO SEBASTIANI, Machine Learning in Automated Text Categorization, ACM Computing Surveys, 2002, pp. 1-47, Vol. 34-Issue 1.		_	
		I. ANDROUTSOPOULOS, et al., Learning to Filter Spam E-mail: A Comparison of a Naive Bayesian and a Memory-based Approach, 4th PKDD's Workshop on Machine Learning and Textual Information Access, 2000, 13 pages.		
		D. TURNER et al., Payment-based Email, 5th International Conference on Software Engineering, Artificial Intelligence, Networking, and Parallel/Distributed Computing, June 2004, 7 pages.		
		CORMAC O'BRIEN, et al., Spam Filters: Bayes vs. Chi-squared; Letters vs. Words, Proceedings of the 1st international symposium on Information and communication technologies, 2003, pp.291-296, Dublin, Ireland.	1	
V		OLLE BALTER, et al., Bifrost Inbox Organizer: Giving users control over the inbox, NordiCHI 10/02, 2002, pp.111-118, Arhus, Denmark.		
PBT		LORRIE FAITH CRANOR, et al., Spam!, Communications of the ACM, 1998, pp. 74-83, Vol. 41-No. 8.		

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PBT		P.Y. SIMARD, et al., Using Character Recognition and Segmentation to Tell Computer from Humans, International Conference on Document Analysis and Recognition (ICDAR), IEEE Computer Society, 2000, pp. 418-423.	~				
		S. LI et al., Secure Human-Computer Identification against Peeping: A Survey, Microsoft Research, 2003, 53 pages.					
		D.A. TURNER et al., Controlling Spam through Lightweight Currency, In Proc. of the Hawaii International Conference on Computer Sciences, January 2004, 9 pages.					
		DAPHNE KOLLER, et al., Toward Optimal Feature Selection, Proc. of the Thirteenth International Conference, 1996, 9 pages.					
PBT		DAVID DOLAN LEWIS, Representation and Learning in Information Retrieval, University of Massachusetts, 1992.	_				

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PBT		US- 6,779,021	08-17-2004	Bates et al.	
		US- 6,592,627	07-15-2003	Agrawal et al.	
1		US- 6,728,690	04-27-2004	Meek et al.	
<del>                                     </del>		US- 6,424,997	07-23-2002	Buskirk Jr. et al.	
<b>—</b>		US- 6,684,201	01-27-2004	Brill	
	i	US- 6,633,855	10-14-2003	Auvenshine	
1	ļ	US- 6,023,723	02-08-2000	McCormick et al.	
		US- 6,003,027	12-14-1999	Prager	
_		US- 6,434,600	08-13-2002	Waite et al.	
		US- 5,835,087	11-10-1998	Herz et al.	
		US- 6,370,526	04-09-2002	Agrawal et al.	
1		US- 6,327,617	12-04-2001	Fawcett	
	1	US- 6,308,273	10-23-2001	Goertzel et al.	
		US- 5,704,017	12-30-1997	Heckerman et al.	
	<del>                                     </del>	US- 5,905,859	05-18-1999	Holloway et al.	
1/		US- 5,805,801	09-08-1998	Holloway et al.	
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	FOREIGN PATENT DOCUMENTS								
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First Named Inventor

#### SUPPLEMENTAL INFORMATION **DISCLOSURE STATEMENT** BY APPLICANT

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Joshua T. Goodman Art Unit 3434 5122 **Examiner Name** TRAN Unknown Attorney Docket Number MS306896.01/MSFTP560US

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Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PBT		US- 2004/0093371	05-13-2004	Burrows et al.	
1		US- 2004/0054887	03-18-2004	Paulsen et al.	
		US- 2003/0037074	02-20-2003	Dwork et al.	
		US- 2002/0059425	05-16-2002	Belfiore et al.	
1-		US- 2002/0016956	02-07-2002	Fawcett	
17		US- 5,638,487	06-10-1997	Chigier	
-\ <del>\</del>		US- 5,619,648	04-08-1997	Canale et al.	
PBT		US- 5,377,354	12-27-1994	Scannell et al.	
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	FOREIGN PATENT DOCUMENTS							
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PET		EP 413 537	02-20-1991	Scannell et al.		L		
PBT	************	EP 720 333	07-03-1996	Canale et al.		L		
PBT	·	WO 96/35994	11-14-1996	Finney et al.		L		
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			CLOSURE	Filing Date	2/13/2004	
STA	STATEMENT BY APPLICANT			First Named Inventor	Joshua T. Goodman	
				Art Unit	2134 2151	
	(Use as many sheets as necessary)			Examiner Name	UNKNOWN P. TRAN	
Sheet	3	of	7	Attorney Docket Number	MS306896.01/MSFTP560US	

		NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.1			
PBI		CYNTHIA DWORK, et al.; "Pricing Via Processing or Combatting Junk Mail"; Presented at Crypto '92; pp. 1-11.	-	
		THORSTEN JOACHIMS; "Text Categorization with Support Vector Machines: Learning with Many Relevant Features"; LS-8 Report 23, November 1997, 18 pages.		
		DAPHNE KOLLER, et al.; "Hierarchically Classifying Doucments Using Very Few Words"; In ICML-97: Proceedings of the Fourteenth International Conference on Machine Learning; San Francisco, CA: Morgan Kaufmann 1997; 9 pages.		
		ELLEN SPERTUS; "Smokey: Automatic Recognition of Hostile Messages"; Proceedings of the Conference on Innovative Applications in Artificial Intelligence (IAAI), 1997, 8 pages.		
		HINRICH SCHUTZE, et al.; "A Comparison of Classifiers and Document Representations for the Routing Problem"; Proceedings of the 18th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, Seattle, WA, July 9-13, 1995; pp. 229-237.	_	
		YIMING YANG, et al.; "A Comparative Study on Feature Selection in Text Categorization"; School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, and Verity, Inc., Sunnyvale, CA; 9 pages.	_	
		YIMING YANG, et al.; "A Comparative Study on Feature Selection in Text Categorization"; School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, and Verity, Inc., Sunnyvale, CA; 9 pages.	_	
		DAVID D. LEWIS, et al.; "A Comparison of Two Learning Algorithms for Text Categorization"; Third Annual Symposium on Document Analysis and Information Retrieval; April 11-13, 1994; pp. 81-93.	_	
		MEHRAN SAHAMI; "Learning Limited Dependence Bayesian Classifiers"; In KDD-96: Proceedings of the Second International Conference on Knowledge Discovery and Data Mining; AAAI Press, 1996; Menlo Park, CA; pp. 335-338.	_	
PBT		WILLIAM W. COHEN; "Learning Rules that Classify E-Mail"; In the Proceedings of the 1996 AAAI Spring Symposium on Machine Learning in Information Access. Downloaded from William Cohen's web page: http://www.research.att.com/nwcohen/pubs.html.	_	

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INFORMATION DISCLOSURE				Filing Date	2/13/2004	
STA	STATEMENT BY APPLICANT			First Named Inventor	Joshua T. Goodman	
				Art Unit	2134 2153	
	(Use as many sheets as necessary)			Examiner Name	UNKNOWN P. TRAN	
Sheet	4	of	7	Attorney Docket Number	MS306896.01/MSFTP560US	

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
PBT		MAKOTO IWAYAMA, et al., Hierarchical Bayesian Clustering for Automatic Text Classifiation, Natural Language, 1995, pp. 1322-1327.	-
		DAVID D. LEWIS, An Evaluation of Phrasal and Clustered Representations on a Text Categorization Task, 15th Annual International SIGIR '92, Denmark 1992, pp. 37-50.	
		DAPHNE KOLLER, et al, Toward Optimal Feature Selection, Machine Learning Proc. of the Thirteenth International Conference, Morgan Kaufmann, 1996, 9 pages.	_
		DAVID DOLAN LEWIS, Representation and Learning in Information Retrieval, University of Massachusetts, 1992.	-
		TOM MITCHELL, Machine Learning, Carnegie Mellon University, Bayesian Learning, Chapter 6, pp. 180-184.	
		Y. H. Li, et al., Classification of Text Documents, The Computer Journal, Vol. 41, No. 8, 1998; pp. 537-546.	
		JUHA TAKKINEN, et al., CAFE: A Conceptual Model for Managing Information in Electronic Mail, Laboratory for Intelligent Information Systems, Department of Computer and Information Science, Linkoping University, Sweden, Conference on System Sciences, 1998 IEEE.	-
		JACOB PALME, et al., Issues When Designing Filters In Messaging Systems, Computer Communications, 1996, pp. 95-101, Stockholm, Sweden.	_
1		RICHARD B. SEGAL, et al., SwiftFile: An Intelligent Assistant for Organizing E-Mail, In Proceedings of the Third International Conference on Autonomous Agents, May 1999, 7 pages.	-
PBT		MEHRAN SAHAMI, et al., A Bayesian Approach to Filtering Junk E-Mail, AAAI Workshop on Learning for Text Categorization, July 1998, 8 pages, Madison, Wisconsin, USA.	

Examiner Signature	Philip Tran	Date Considered	5/21/2007
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STATEMENT BY APPLICANT			PLICANT	First Named Inventor	Joshua T. Goodman	
				Art Unit	2134 2153	
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Sheet	5	of	7	Attorney Docket Number	MS306896.01/MSFTP560US	

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	T <sup>2</sup>
PBT		number(s), publisher, city and/or country where published.  DAVID MADIGAN, Statistics and The War on Spam, Rutgers University, pp. 1-13, 2003.	
		PADRAIG CUNNINGHAM, et al., A Case-Based Approach to Spam Filtering that Can Track Concept Drift, In The ICCBR'03 Workshop on Long-Lived CBR Systems, June 2003, 9 pages, Trondheim, Norway.	
		MARK ROSEN, E-mail Classification in the Haystack Framework, Massachusetts Institute of Technology, February, 2003, 103 pages.	_
		THORSTEN JOACHIMS, Transductive Inference for Text Classification Using Support Vector Machines, In Proceedings of the 16th International Conference on Machine Learning, 1999, pp.200-209, San Francisco, California, USA.	
		JOHN WONG, Preventing Spams and Relays, Linux Journal, December 1998, 6 pages, Vol. 1998 Issue 56es, Specialized Systems Consultants, Inc.	_
		MENG WENG WONG, SPF Overview, Linux Journal, April 2004, 6 pages, Vol. 2004 Issue 120, Specialized Systems Consultants, Inc.	
	·	Stop, in the Name of Spam, Communications of the ACM, November 1998, pp.11-14, Vol. 41 No. 11.	
		ERIC ALLMAN, Spam, Spam, Spam, Spam, Spam, the FTC, and Spam, Queue, September 2003, pp. 62-69, Vol. 1 Issue 6.	-
		TOM FAWCETT, "In vivo" Spam Filtering: A Challenge Problem for KDD, SIGKDD Explorations, December 2003, pp. 140-148, Vol. 5 Issue 2.	
PBT		J.D.M. RENNIE. ifile: An Application of Machine Learning to E-Mail Filtering, Proceedings of the KDD-2000 Workshop on Text Mining, Sixth ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, 2000. 6 pages.	_

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STATEMENT BY APPLICANT				First Named Inventor	Joshua T. Goodman	
			·	Art Unit	2134 2155	
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Sheet	6	of	7	Attorney Docket Number	MS306896.01/MSFTP560US	

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PBT		S. ARGAMON, et al., Routing documents according to style, In First International Workshop on Innovative Information Systems, 1998, 8 pages.	
		K. MOCK, An Experimental Framework for Email Categorization and Management, Proceedings of the 24th Annual International ACM SIGIR Conference, 2001, pp.392-393.	
		JOSE MARIA GOMEZ HIDALGO, Evaluating Cost-Sensitive Unsolicited Bulk Email Categorization, SAC 2002, 2002, pp. 615-620, Madrid, Spain.	_
		A.Z. BRODER, et al. Syntactic Clustering of the Web, SRC Technical Note, Digital Corporation, July 25, 1997, 13 pages.	
		FABRIZIO SEBASTIANI, Machine Learning in Automated Text Categorization, ACM Computing Surveys, 2002, pp. 1-47, Vol. 34-Issue 1.	Ţ
		I. ANDROUTSOPOULOS, et al., Learning to Filter Spam E-mail: A Comparison of a Naive Bayesian and a Memory-based Approach, 4th PKDD's Workshop on Machine Learning and Textual Information Access, 2000, 13 pages.	
		D. TURNER et al., Payment-based Email, 5th International Conference on Software Engineering, Artificial Intelligence, Networking, and Parallel/Distributed Computing, June 2004, 7 pages.	_
		CORMAC O'BRIEN, et al., Spam Filters: Bayes vs. Chi-squared; Letters vs. Words, Proceedings of the 1st international symposium on Information and communication technologies, 2003, pp.291-296, Dublin, Ireland.	_
V		OLLE BALTER, et al., Bifrost Inbox Organizer: Giving users control over the inbox, NordiCHI 10/02, 2002, pp.111-118, Arhus, Denmark.	
PBI		LORRIE FAITH CRANOR, et al., Spam!, Communications of the ACM, 1998, pp. 74-83, Vol. 41-No. 8.	_

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Sheet	7	of	7	Attorney Docket Number	MS306896.01/MSFTP560US	

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PBI		P.Y. SIMARD, et al., Using Character Recognition and Segmentation to Tell Computer from Humans, International Conference on Document Analysis and Recognition (ICDAR), IEEE Computer Society, 2000, pp. 418-423.	
PET		S. LI et al., Secure Human-Computer Identification against Peeping: A Survey, Microsoft Research, 2003, 53 pages.	
PBT		D.A. TURNER et al., Controlling Spam through Lightweight Currency, In Proc. of the Hawaii International Conference on Computer Sciences, January 2004, 9 pages.	

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Application Number	10/779,295				
Filing Date February 13, 2004					
First Named Inventor	Joshua T. Goodman				
Art Unit 2134 2/55					
Examiner Name	GAKNOWN P. TRAN				
Attorney Docket Number	MS306896.1/MSFTP560US				

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PBT		<sup>US-</sup> 6,732,149	05-04-2004	Kephart	
1,		<sup>US-</sup> 6,691,156	02-10-2004	Drummond, et al.	
V _		<sup>US-</sup> 6,484,197	11-19-2002	Donohue	-
PBI		<sup>US-</sup> 6,161,130	12-12-2000	Horvitz, et al.	
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		FOREI	GN PATENT DOCU	MENTS		
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Secondario de delle 1970/110				Application Number	10/779,295
INFO	DRMATION	N DIS	CLOSURE	Filing Date	February 13, 2004
STA	STATEMENT BY APPLICANT (Use as many sheets as necessary)			First Named Inventor	Joshua T. Goodman
				Art Unit	2134 2155
(Use as many sneets as necessary)		Examiner Name	Unknown P. TRAN		
Sheet	2	of	2	Attorney Docket Number	MS306896.1/MSFTP560US

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
PBI		I. ANDROUTSOPOULOS, J. KOUTSIAS, K.V. CHANDRINOS, C.D. SPYROPOULOS. An Experimental Comparison of Native Bayesian and Keyword-based Anti-spam Filtering with Personal E-mail Messages. Proceedings of the 23rd ACM SIGIR Conference, pp. 160-167, 2000.	
		KEVIN R. GEE. Using Latent Semantic Indexing to Filter Spam. Proceedings of the 2003 ACM Symposium on Applied Computing, pp. 460-464, 2003.	
V		P. PANTEL and D. LIN. SpamCop: A Spam Classification & Organization Program. In Proc. AAAI-1998 Workshop on Learning for Text Categorization, 1998. 8 pages.	
PBT		G. MANCO, E. MASCIARI, M. RUFFOLO, and A. TAGARELLI. Towards an Adaptive Mail Classifier. In Proc. of Italian Association for Artificial Intelligence Workshop, 2002. 12 pages.	
, and the second			

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